

AP96-382A

DOCKET NO: 0557-4628-2 REISSUE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

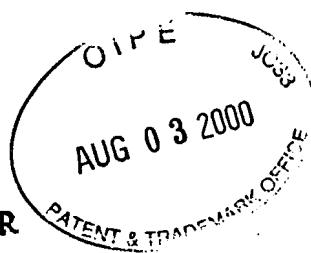
IN RE REISSUE APPLICATION OF:

Kohji SAKAI et al.

SERIAL NO: 09/421,332

FILED: October 18, 1999

FOR: MULTI-BEAM OPTICAL SCANNER



#8 Decl.  
Marsha  
8/11/00

DECLARATION UNDER 37 C.F.R. 1.132ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

1. I, Seizo Suzuki, have 15 years of experience in the field of image forming apparatuses, such as laser printers, facsimile and copiers, and am therefore an expert in that field.
2. I have reviewed the outstanding rejection and the above-identified patent application.
3. I understand that the Examiner in charge of the above-identified patent application believes that one of ordinary skill in the art would not have been able to make and use the invention as claimed in the amended reissue claims.
4. One of ordinary skill in the art would have been able to make and use the claimed invention at the time of filing thereof for the reasons set forth below.

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a. The purpose of the coupling lens is to increase the light intensity used to expose the surface.

5. I believe that the level of ordinary skill in the art at the time of filing was someone familiar with the optical systems of photocopiers with 10 years of experience.

6. One of ordinary skill in the art would have been able to find a description of the light source as evidenced by Figure 7 in Japanese Patent Laid-Open Publication No. 2-61608.

7. Accordingly, I believe that one of ordinary skill in the art would have been able to make and use the claimed invention without undo experimentation.

8. The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

July 19, 2000

Date

Seizo Suzuki

Seizo Suzuki

### 図面の簡単な説明

図面は本発明に係る凹面鏡正走査光学系の実施例を示し、第1図(A)、(B)および第2図(A)、(B)は、実施例のレンズ構成図で、第1図(A)および第2図(A)は走査面に沿った方向で切断したレンズ構成図、第1図(B)および第2図(B)は走査面に垂直する方向で切断したレンズ構成図。

第3図ないし第4図は、各実施例における走査面に沿った方向の収差図。

第5図ないし第6図は、各実施例における走査面に垂直した方向の収差図。

第7図は、レーザビームプリンタの走査装置の概略図である。

1 . . . 光源

2 . . . 線状画像光学系

3 . . . 偏向器

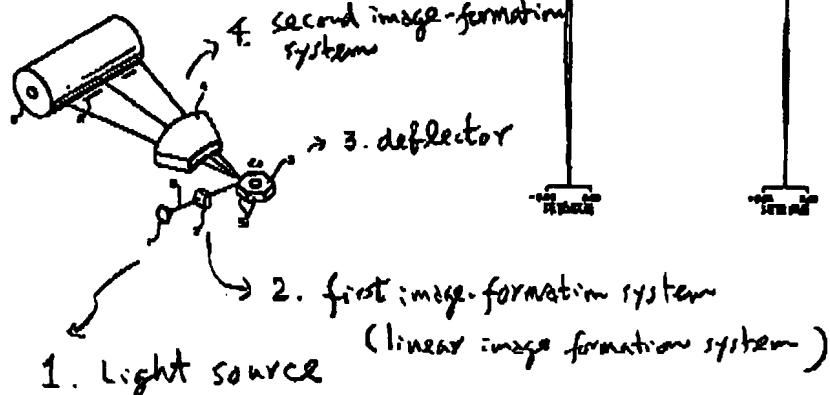
3a . . . 偏向反射面

4 . . . 走査絞り光学系

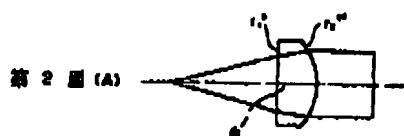
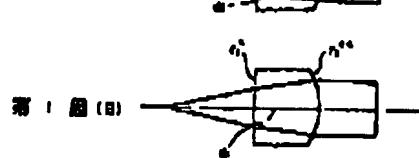
5 . . . 被走査物

6 . . . 光線束

Fig. 7  
第7図



特開平2-61608 (2)



第3図



第4図

